

Abstract

A communication system enters information into enabled fields of a hypertext based page when a hot-linked identifier is activated by a user. The preferred implementation fills in recipient information when a sender clicks on a hot-linked contact name. The click calls a JavaScript that searches for enabled fields and fills in recipient information from a contact database when it finds an enabled field. The recipient could be defined by an e-mail address, a user name, or other unique identifier, and the information being transmitted to the recipient can be e-mail messages, data files, another user's data, and other types of information that can be transmitted electronically. The preferred implementation resides on a Web server hosting a service to which users can subscribe, at which point the users acquire member status and member names. The members can create contact databases that the system presents in a contacts frame when the member views pages on which the contact information can be used. If the member goes to a page from which the member can send a message, transfer a file, etc., the member simply clicks on a contact listed in the contacts frame, calling the field filler function that looks for enabled fields and puts appropriate information in the enabled fields. For example, the field filler can place an e-mail address or member name in a recipient field.